

Ref# 18602

Machineoffer

DMG Vertical Mate 85



Manufacturer: DMG

Model: Vertical Mate 85

New in: 2019

Controller: MAPPS IV

Canned grinding cycle: macro executor

Registerable number of workpiece: 20 pcs.

Registerable number of processes: 20 processes per workpiece

Registerable number of grinding wheels: 99 pcs.

Grinding cycle: 33 patterns

Dressing cycle: 10 patterns

Registered data I/O function: USB memory

Range of internal grinding diameter: (Ø50) - Ø800

Range of external grinding diameter: Max. Ø800

Grinding length (ID): 325 (for ø250 or less)

400 (for ø250 or more, quill length 250)

485 (for ø250 or more, quill length 350)

Grinding length (OD): 400 for plain grinding, quill length 250

500 for plain grinding, quill length 350

150 for angular grinding, with the same dia.

Work spindle swing: Ø850

Workpiece top height from table: 600

Max. load on worktable: 700 kg.

Rotation speed: 2800 – 9000 min/-1

Wheel diameter: Ø45 - Ø305

Lubrication method: Sealed grease

Taper hole: HSK-A100

Power (continuous rating): 11.0 kW

Indexing angle (wheel head): 0 deg, 22.5 deg.

Table size: Ø750

Rotation speed: 8 – 200 min/-1

Power (rating): 3.7 / 7.5 kW

X-axis travel:

from work SP center to the right: 1150

From work SP center to the left: 250

Travel speed: 0-16000 mm/min

Z-axis travel: 700
Travel speed: 0-16000 mm/min

Machine weight: 13000 kg.







